

### REMARKS

Reconsideration of the above-identified application in view of the following remarks is respectfully requested.

Claims 1-9 are pending in this case. Claims 3 and 4 have been withdrawn from further consideration as being drawn to a non-elected invention. Claims 1, 2 and 7-9 have been examined on merits. Claims 1, 2 and 7-9 have been rejected. Claims 5 and 6 have been objected to. Claims 3-5 have now been canceled, without prejudice. Claims 1 and 6 have now been amended.

Specifically, the Examiner has stated that claims 1, 2 and 7-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention; that claims 1, 2 and 7-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Lu et al.; and that claims 1 and 7-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Jicha et al.

The Examiner has stated that claims 5 and 6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claim.

While Applicant respectfully traverses the Examiner's rejections, Applicant has chosen, in order to expedite prosecution, to amend claim 1, so as to include the limitations of claim 5, thus rewriting claim 5 in an independent form.

Claim 1 has therefore been amended so as to recite that the GSK-3 substrate is "... *heat shock factor-1 (HSF-1) protein, containing a single SXXXS(p) recognition motif, wherein S is serine and S(p) is a phosphorylated serine, in which S is replaced by said Z ...*".

Consequently, claim 5, which included the limitations now added to amended claim 1, has been canceled, whereby claim 6, which previously depended from claim 5, has been amended so as to depend from amended claim 1.

In view of the above amendments and remarks it is respectfully submitted that amended claim 1, claim 2, amended claim 6 and claims 7-9 are now in condition for allowance. Prompt notice of allowance is respectfully and earnestly solicited.

Respectfully submitted,



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Date: July 14, 2006

***Encl.:***

Petition for Extension (1 month)